SPECIFICATIONS

Model	FinePix S5 Pro
Type of camera	Interchangeable-lens SLR-type digital camera
Number of effective pixels	12.34 million (S-pixel: 6.17million, R- pixel: 6.17million) pixels
CCD sensor	Large-format (23.0mm×15.5mm) Super CCD SR Pro with primary color filter Total 12.9 megapixels (S-pixels: 6.45 million, R-pixels: 6.45million)
Storage media	Compact Flash™ (CF) Card (Type I/II) and Microdrive™*1 (Compatibility is listed on Fujifilm website: http://www.fujifilm.com/products/digital)
File format	DCF-compliant, Compressed: Exif Ver. 2.21 JPEG, DPOF-compatible Uncompressed: CCD-RAW(14bit)*2
Number of recorded pixels	L: 4,256×2,848 / M: 3,024×2,016 / S: 2,304×1,536 pixels
Lens mount	Nikon F mount (with AF coupling, AF contacts)
Picture angle	Approx. 1.5× focal length in 35mm format equivalent
Sensitivity	Auto, ISO 100 / 125 / 160 / 200 / 250 / 320 / 400 / 500 / 640 / 800 / 1000 / 1250 / 1600 / 2000 / 2500 / 3200 (Standard Output Sensitivity)
Exposure metering system*3	Three-mode through-the-lens (TTL) exposure metering. 3D Color Matrix Metering (metering performed by 1,005-segment RGB sensor) / Center-weighted / Spot
Exposure modes	Programmed Auto with flexible program [P], Shutter-Priority Auto [S], Aperture-Priority Auto [A], and Manual [M]
Exposure compensation	-5.0EV to +5.0EV Step can be selected from 1/3, 1/2, 1EV step.
Shutter speed	30 sec. to 1/8000 sec., Bulb.*4
Continuous shooting	CH: Approx. 3 frames/sec. ([D-RANGE] set to [100% (STD)]) / Approx. 1.6 frames/sec. ([D-RANGE] set to other than [100% (STD)]) CL: Approx. 2 frames/sec. ([D-RANGE] set to [100% (STD)]) / Approx. 1.6 frames/sec. ([D-RANGE] set to other than [100% (STD)]) and approx. 1 frames/sec.
Auto bracketing	Number of shots 2-9 compensated EV value 1/3, 1/2, 2/3, 1 EV step
Focus — **mode**	Single Servo AF(S) / Continuous Servo AF(C) / Manual focus (M)
Focus — **AF system**	TTL phase detection. AF assist illuminator
Focus — **Focus Area**	Normal: 11 areas; single area or group can be selected; Wide: focus area can be selected from 7 areas
Focus — **AF Frame selection**	1) Single Area AF 2) Dynamic AF 3) Group Dynamic AF 4) Dynamic AF with closest subject priority
White balance	Automatic / Incandescent light / Fluorescent lamp (1-5) / Fine / Flash / Shade / Color temperature / Preset Custom (1-5) Fine tuning can be set.
Color Space	sRGB / Adobe RGB (1998)
Film Simulation	(STANDARD) / F1 / F1a / F1b / F1c / F2
Dynamic Range	AUTO / 100%(STD) / 130% / 170% / 230% (W1) / 300% / 400% (W2)
Self-timer	20 sec. / 10 sec. / 5 sec. / 2 sec.
Built-in flash	Manual pop-up with button release. Guide No.12 (ISO 100·m), i-TTL balanced fill-flash or standard i-TTL flash Flash synchronization up to 1/250 sec.
Frash modes	Front Synchro, Slow Synchro, Rear Synchro, Red-eye Reduction, Red-eye Reduction + Slow Synchro
Flash control	1) TTL: TTL flash control by 1,005-pixel RGB sensor Built-in flash: i-TTL balanced fill-flash or standard i-TTL flash (spot metering or mode dial set to [M]) SB-800, 600 or SB-R200: i-TTL balanced fill-flash for digital SLR and standard i-TTL flash for digital SLR 2) Auto aperture: Available with SB-800 with CPU lens 3) Non-TTL Auto: Available with flash such as SB-800, SB-80DX, SB-28DX, SB-28, SB-27, and SB-22s 4) Range-priority manual: available with SB-800
Accessory shoe	Standard ISO type with hot-shoe contact (Safety lock provided)
Sync contact	X-contact only: flash synchronization up to 1/250 sec.
Viewfinder	Fixed-eyelevel pentaprism, built-in diopter adjustment, Frame coverage: Approx. 95%, Magnification: Approx. ×0.94
LCD back monitor	2.5-inch approx. 230,000 pixels low temperature polysilicon TFT color LCD (approx. 100% frame coverage for playback)
Photography functions	framing guideline, frame no. memory, multiple exposure shooting, live view
Playback functions	Face Zoom In, cropping, slide show, multi-frame playback, histogram display, brightness warning display
Other functions	Function lock, PictBridge compatibility, Exif Print compatibility, PRINT Image Matching Ⅱ compatibility, language selection (日本語, English, Francais, Deutsch, Español, Italiano, 中文简, 繁體, 한글), time difference, Image comment, Barcode reader/GPS unit
Video output	NTSC / PAL selectable*5
Digital interface	USB 2.0 (High-Speed)
Remote release	Electronic shutter release (10-pin remote terminal)
Power source	Rechargeable Li-ion battery NP-150*6 (included) or AC Power Adapter AC-135VN (Optional)
Dimensions	147.0mm (W)×113.0mm (H)×74.0mm (D) / 5.8in. (W)×4.4in. (H)×2.9in. (D) (not including accessories and attachments)
Camera mass (weight)	Approx. 830 g / 29.3 oz. (not including accessories, battery and memory card)
Operating Conditions	Temperature: 0°C to +40°C (+32°F to +104°F) 80% humidity or less (no condensation) ◎When using a Microdrive, 5~40°C.

Memory Card capacity and image quality / size

Exposure mode M, ISO200, focus mode M, SanDisk SDCFX (Extreme Ⅲ) 1GB card, and other settings are factory default.

[D-RANGE] set to [100% (STD)]

Image quality	RAW+FINE			RAW+NORMAL			RAW	FINE			NORMAL		
Image size	L	M	S	L	M	S	—	L	M	S	L	M	S
File size	Approx. 18.1	Approx. 16.3	Approx. 15.1	Approx. 15.7	Approx. 14.8	Approx. 14.2	Approx. 12.8	Approx. 5.3	Approx. 3.5	Approx. 2.2	Approx. 2.9	Approx. 2.0	Approx. 1.4
Number of images	55	61	66	63	67	70	78	189	285	442	345	495	718
Buffer capacity	Approx. 20	Approx. 21	Approx. 21	Approx. 21	Approx. 21	Approx. 21	Approx. 24	Approx. 29	Approx. 39	Approx. 51	Approx. 30	Approx. 71	Approx. 80
maximum shooting cycle	Up to max. 3 frames/sec.												

[D-RANGE] set to other than [100% (STD)]

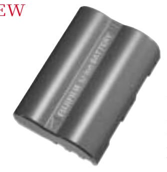
Image quality	RAW+FINE			RAW+NORMAL			RAW	FINE			NORMAL		
Image size	L	M	S	L	M	S	—	L	M	S	L	M	S
File size	Approx. 30.3	Approx. 28.6	Approx. 27.3	Approx. 28.0	Approx. 27.1	Approx. 26.5	Approx. 25.1	Approx. 5.3	Approx. 3.5	Approx. 2.2	Approx. 2.9	Approx. 2.0	Approx. 1.4
Number of images	32	34	36	35	36	37	39	189	285	442	345	495	718
Buffer capacity	Approx. 8	Approx. 8	Approx. 8	Approx. 8	Approx. 8	Approx. 8	Approx. 10	Approx. 19	Approx. 73	Approx. 100	Approx. 19	Approx. 90	Approx. 100
maximum shooting cycle	Up to max. 1.6 frames/sec.												

Guide to the number of available frames for battery operation

Battery Type	Number of frames*7
NP-150 (1500mAh)	Approx. 400 frames

OPTIONAL ACCESSORIES

NEW



Rechargeable Battery
NP-150

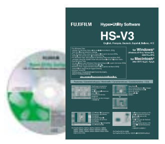
NEW

Battery Charger
BC-150

NEW

AC Power Adapter
AC-135VN

NEW



Hyper-Utility Software
HS-V3

Hyper-Utility Software
HS-V3UP
(an upgrade package for HS-V2 and HS-S2)

Accessory availability may vary by country.
Please check with your local Fujifilm representative to confirm product availability.

ACCESSORIES INCLUDED

- Rechargeable battery NP-150
- Battery charger BC-150
- Shoulder strap
- Camera body cap
- Eyepiece cap
- LCD cover
- USB cable (mini-B)
- Video cable for FinePix S5 Pro
- Accessory shoe cover
- Synchronizing terminal cap
- Remote release socket cap
- CD-ROM [image browser with CCD-RAW converting function]*8
- Owner's manual

*1: Compact Flash is a trademark of SanDisk Corporation and Microdrive is a trademark of Hitachi GST. All other trademarks and registered trademarks are the property of their respective holders.

*2: CCD-RAW is a format specific to the FinePix S5 Pro. The enclosed "FinePix Viewer" software or the optional Hyper-Utility software "HS-V3" is reguired to interpret images.

*3: Exposure metering modes may be limited depending on the type of lens used.

*4: Images shot with long exposures may appear coarse and may also be affected by noise such as white dots.

*5: When connecting the Video cable (included) to TV, the camera's screen is turned off.

*6: Li-ion rechargeable batteries other than model NP-150 cannot be used with FinePix S5 Pro.

*7: "CIPA DC-002-2003 'Standard Procedure for Measuring Digital Still Camera Battery Consumption'" (extract); Using included rechargeable Li-ion battery NP-150, AF50mm F1.4D lens, Compact Flash™ (CF) Card. Pictures shall be taken at a temperature of 23°C (73.4F) every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

*8: For Windows 98SE/Me/2000Pro/XP, Mac OS X (10.3.9～10.4.8) Updater for Windows Vista™ will be available from March, 2007. Visit http://www.fujifilm.com/products/digital/download/ to update.

DPOF Exif Print PictBridge Designed for Microsoft® Windows® XP

Specifications are subject to change without notice.

Microsoft, Windows, and Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Macintosh and Mac OS are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. All other trademarks are the property of their respective holders.

For more information, please visit our Website:
http://www.fujifilm.com/products/digital

FUJIFILM
FUJIFILM Corporation

Ref. No. EB-616E (SK·07·1·F2586·F9711) Printed in Japan © 2007 FUJIFILM Corporation

FUJIFILM

DIGITAL CAMERA
FinePix S5 Pro
NEW

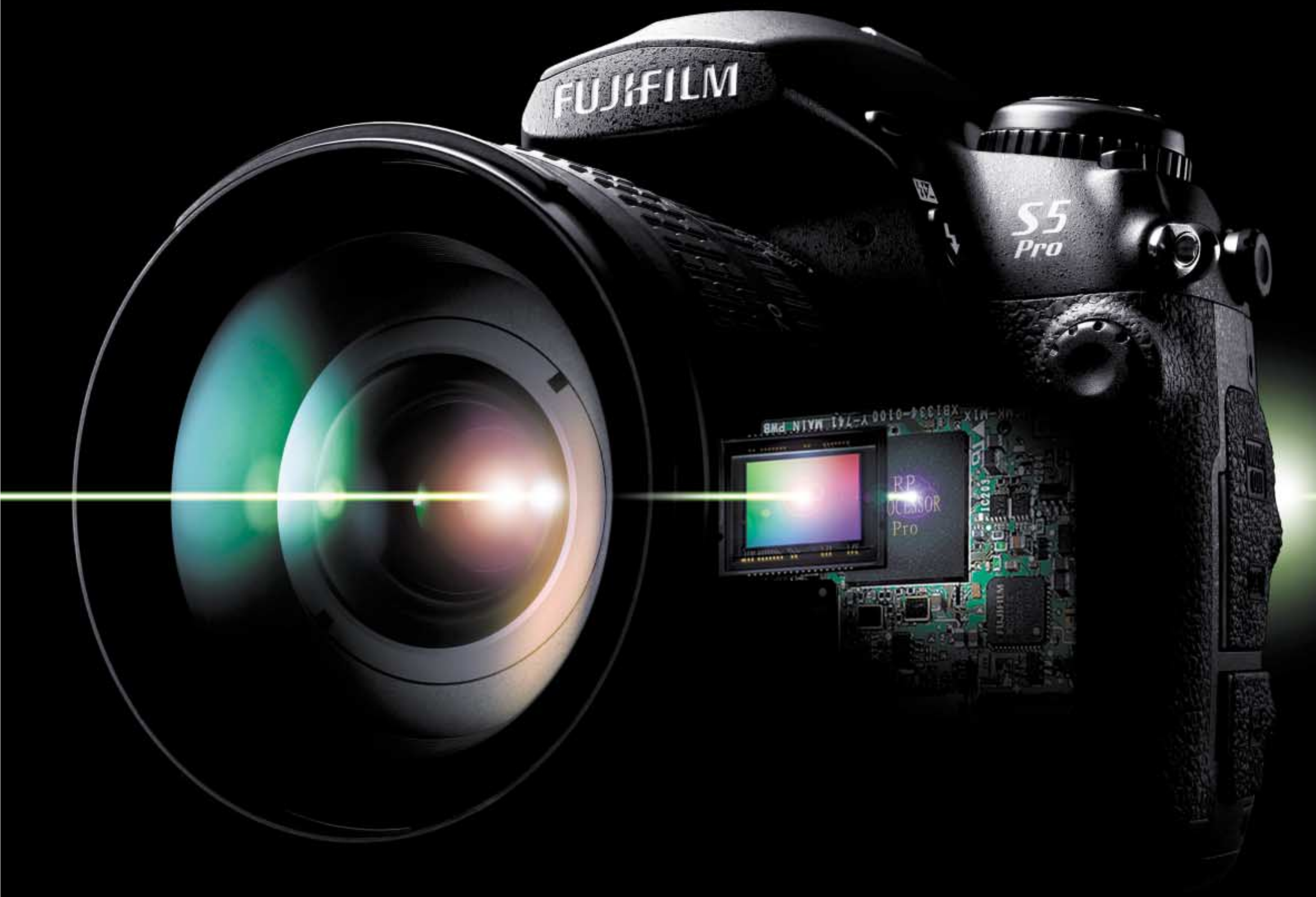
The Next Evolutionary Stage

FUJIFILM Takes the Digital SLR to the Next Level.

SUPER CCD SR Pro

CCD-RAW, 1/200 sec., f/14, ISO100

Real Photo Technology Pro



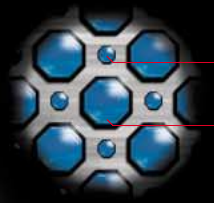
The next evolutionary stage of advanced digital image processing technology

FUJIFILM's long experience in film photography and cutting-edge digital image processing technology have crystallized in the ultimate image quality technology – “Real Photo Technology Pro.” This fusion of our new Super CCD SR Pro and RP (Real Photo) Processor Pro realizes ultrahigh resolution with a superb S/N ratio, wider dynamic range and rich tonality for performance and image quality beyond even the imagination of professionals.

NEW

Super CCD SR Pro
High Sensitivity ISO3200 & High S/N Ratio

Emulating the composition of negative film, the unique double-photodiode matrix of Super CCD SR Pro consists of 6.17 million high-sensitivity S-pixels with large light receptor area and 6.17 million R-pixels for wide dynamic range with small light receptor area. The large 23.0mm × 15.5mm CCD with its high resolution canvas of 12.3 million effective pixels also achieves a dynamic range of 400%, approaching that of negative film. Also its optimized optical low pass filter enables high resolution while minimizing moiré. Achieving both high resolution and high S/N ratio, it captures subjects in clear, exquisite detail.



SUPER CCD SR Pro

NEW

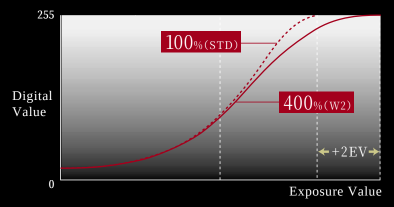
RP (REAL PHOTO) PROCESSOR Pro
Exhaustive Noise Reduction & Smoother Tonality

This newly developed processor features the very latest in digital image processing technology. Using “Double Noise Reduction” and a unique advanced algorithm, RP Processor Pro accurately identifies, separates and thoroughly eliminates noise only from the image data signal. Even at the highest sensitivity of ISO3200, the clarity is amazing.

RP Processor Pro

Freedom to customize the extended dynamic range

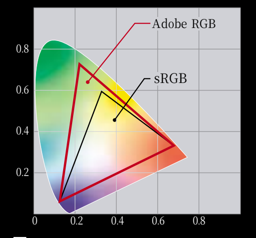
The extended dynamic range setting can be precisely and optimally set according to subject and scene conditions. In addition to Auto for automatic range selection, there is a Manual mode offering a selection of 6 steps: 100% (STD), 130%, 170%, 230% (W1), 300% and 400% (W2). Select 400% (W2) and get maximum performance of both “S” and “R” pixels for an exposure level equivalent to +2EV and capability to capture outstanding photos in high-contrast scenes such as outdoors under clear skies.



■ Extended dynamic range image formation

Adobe RGB Color Space Support

FinePix S5 Pro fully supports Adobe RGB color space, the choice and standard of graphics professionals and the printing industry. The superior color gamut of Adobe RGB color space fills the photographic expression needs of today's professional.



■ Adobe RGB Color Gamut (chromaticity diagram)

The solid body holds the spirit and legacy of our film technology.

The professional desires nothing less than the ultimate photograph.
Built for the severe conditions of professional photography,
the solid body of the FinePix S5 Pro holds the legacy of FUJIFILM's film technology and know-how.
Newly developed “Real Photo Technology Pro” brings images to life with rich tonal expression,
defies convention with ultrahigh resolution and a high signal-to-noise ratio,
and impressive color reproduction. It empowers you with the unlimited potential to
translate a language of creative expression into outstanding photographs.
FinePix S5 Pro, the Digital SLR that embodies FUJIFILM's passion for photography.

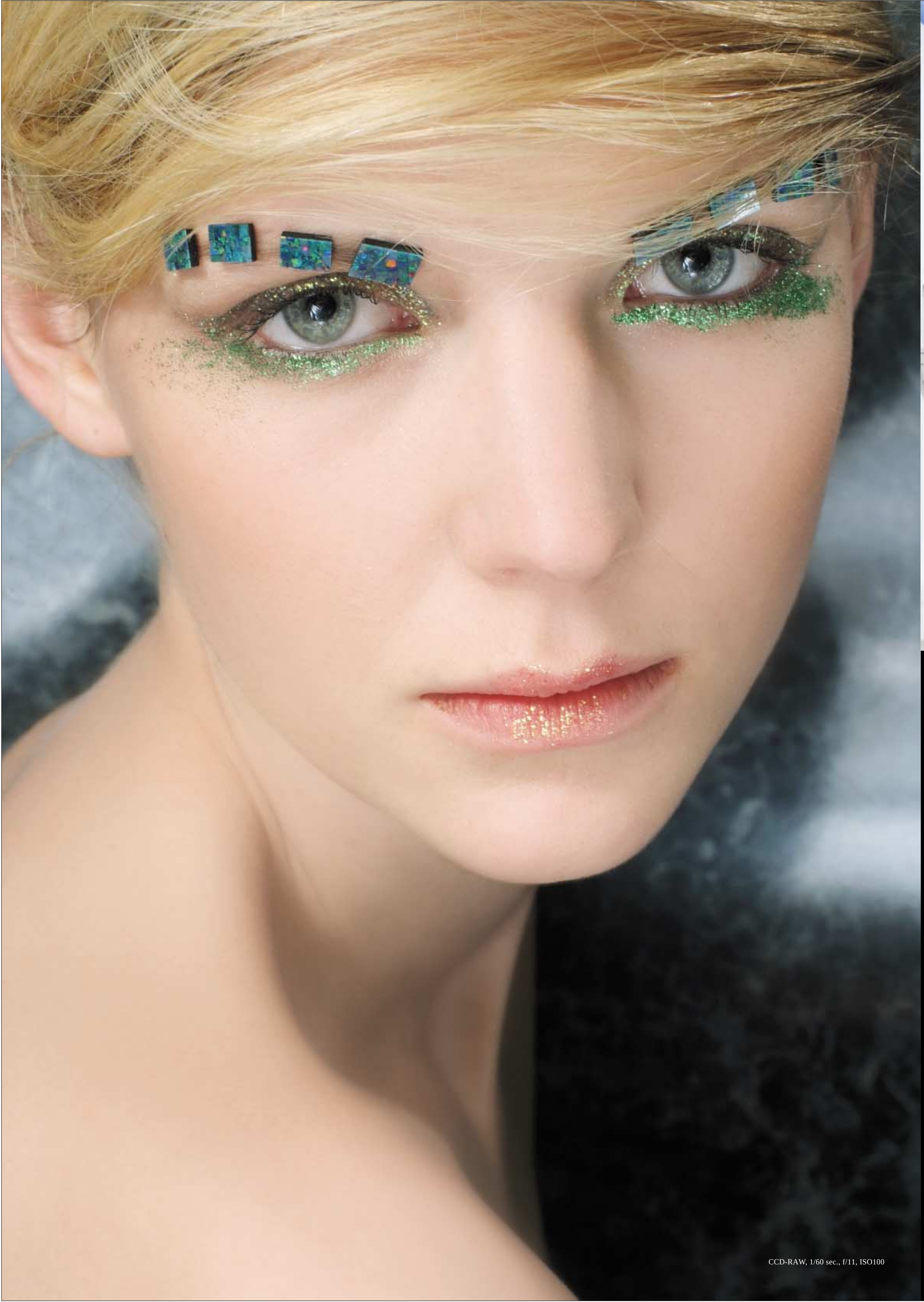
DIGITAL CAMERA
FinePix S5 Pro NEW

“Face Detection Technology” based on FUJIFILM “Image Intelligence™”

“Image Intelligence™” – the distillation of the vast image processing technology and know-how of FUJIFILM into a database for application in diverse domains from the printing industry to the medical field. In the case of the FinePix S5 Pro, high-accuracy face analysis and detection technology has been integrated in a custom IC chip that can analyze a captured image in an instant and simultaneously detect up to 10 faces. It is a powerful new solution to meet the high quality demands of portrait photography.

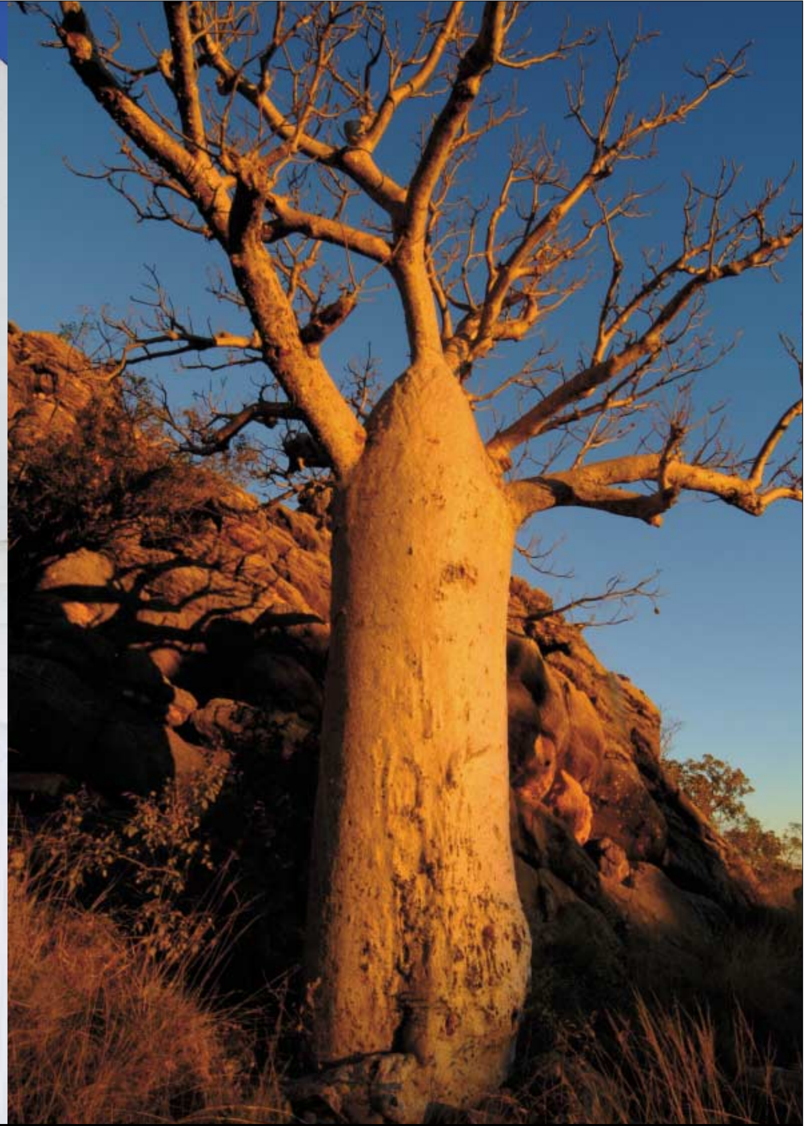
Image Intelligence™

※Above images are simulated representations.



CCD-RAW, 1/60 sec., f/11, ISO100

F1b CCD-RAW, 1/125 sec., f/8, ISO100



F2 CCD-RAW, 1/8 sec., f/22, ISO160

F1c CCD-RAW, 1/160 sec., f/18, ISO100

FILM SIMULATION MODE — selection of the ideal “film” for the scene

Film Simulation responds to the sophisticated color reproduction and tonality demands of the professional with a choice of five modes: “Professional portrait” (F1, F1a, F1b and F1c) Modes for expanded potential in portrait photography and “Fujichrome” (F2) Mode which replicates the color vibrancy of reversal film.

“PROFESSIONAL PORTRAIT” MODES

F1 Studio Portrait Standard
Suppresses highlight washout with studio flash and produces smooth tonality and natural skin color. Replicates the “feel” of negative film used in conventional studio photography.

F1a Warm natural skin tones — Pro-grade negative profile
Slightly higher saturation of skin tones and blue. Exploits the extended dynamic range for fine tonality even under studio lighting. Superb expression of the natural tone and skin color.

F1b Vivid blue skies and silky skin tones
Characterized by saturated blues and reproduction of the transparent quality of skin tones. Produces smooth tonality and superb shadow detail under high contrast conditions. Ideal for impressive outdoor portrait results.

F1c Highly modulated impression — Pro-grade negative profile
Heightens contrast while expressing just the right shadow detail even under soft light sources. Natural skin tones in flat studio lighting or under cloudy skies.

“ FUJICHROME ”MODE

F2 Color Reversal Film Profile for vivid color
Captures images with high sharpness, highly saturated colors and dynamic tonality. Brings colorful landscapes to life with vibrantly rich color.

Film Simulation Mode

Shooting Functions

11-point AF system for high-speed, high-precision focusing

All eleven focus areas support up to F5.6, and the range finding is effective down to -1EV of brightness. Everything from focus accuracy to subject compensation/tracking and response have been enhanced by a new cutting-edge algorithm.

[4 Focus Modes to Match Scene Requirements]

• Single-area AF

Select a single area out of the 7-point or 11-point focus areas to restrict focusing to only the selected area.

• Dynamic-area AF

Even if the subject momentarily moves out of one focus area, other focus areas track and keep it in sharp focus.

• Dynamic-area AF with Closest Subject Priority

Using the 11-point focus areas to detect the closest subject, it selects the corresponding focus area and provides optimum focus.

• Group Dynamic-AF

Select and activate a cross-pattern group of 5 focus areas: the center area selected by the user, and the areas above, below, to the left and right.

AF Lock-On Function with predictive focus tracking

Even if the subject momentarily shifts out of the focus area or another object comes between the subject and the camera, the camera continues to track and adjust focus to the subject without lens hunting.

3D Color Matrix Metering for Precision Evaluation of Lighting Under Diverse Conditions

With its powerful 1,005 pixel-RGB sensor, 3D Color Matrix Metering not only uses conventional exposure algorithms but also detects highlight area size and calculates their optimum exposure value with an exposure assessment algorithm. When shooting in cloudy conditions or a subject that is white overall, it can correct for potential underexposure, or in the case of photographing a subject against a dark background, it can reduce washout.

• Center-Weighted Metering

Metering is calculated with 75% weighting on the central viewfinder area. You can select the metered area diameter from 6mm, 8mm, 10mm, 13mm, and Average in the setup menu.

• Spot Metering

Working together with the 11-point AF system, Spot Metering evaluates the optimum exposure of a spot with a diameter of about 3mm (approx. 2% of the entire screen) in the selected focus area.

Satisfy scene conditions and your artistic vision with a choice of 4 exposure control modes

Select from 4 exposure modes: [P] Program, [S] Shutter Priority Auto, [A] Aperture Priority Auto and [M] Manual.

From IS0100 to ISO3200, select the optimum sensitivity for any scene

Selectable in 1/3 EV steps, FinePix S5 Pro offers a sensitivity range of IS0100 to IS03200. When the brightness of the subject exceeds the exposure control range in the [P], [S] or [A] modes, or an appropriate level of exposure cannot be achieved for the Manual [M] mode shutter speed and aperture, it automatically adjusts sensitivity within the range of ISO100 to 3200 for optimum exposure.

White Balance Mode with 8 presets

Choose “Auto” for automatic assessment of light sources or select one of the white balance presets: Incandescent Light, Fluorescent Lamp (1-5), Fine, Flash, Shade and Color Temperature. You can also create and save up to 5 Custom white balance settings, and fine tune each white balance setting.

1/8,000-second high-speed shutter and 1/250-second high-speed synchro

Shutter speed range of 30 seconds to 1/8,000 second and manual setting in 1, 1/2 or 1/3 EV steps put the professional in total control. Flash synchronization at speeds up to 1/250 second.

Multi Exposure Function for a single image from a maximum of 10 exposures

A series of 2 to 10 exposures is recorded as a single image.

Solid Body

Rugged magnesium-alloy body for extreme shooting conditions

The tough and lightweight magnesium alloy shell of the FinePix S5 Pro frees you to focus on getting the photo and not worrying about your equipment under severe shooting conditions. Every seam and joint has been carefully sealed to prevent invasion of moisture and dust.

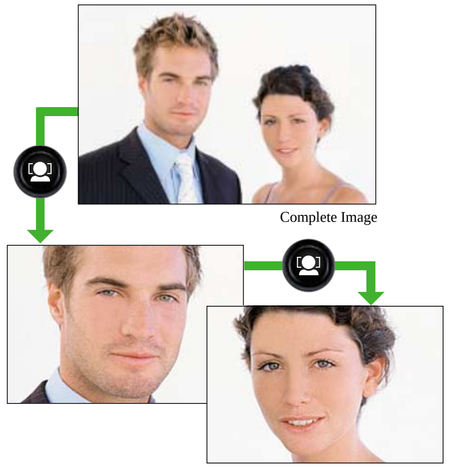
Shutter release durability - tested to exceed approx.100,000 cycles

Shutter release boasts not only high precision but also superb durability. A shock-absorbing mirror balancer minimizes mirror bounce after shutter release, bringing it instantly to a standstill while vibration suppression has enhanced silent operation. Also improved mirror motion speed significantly reduces image blackout.

Face Zoom In

Face Zoom In function puts high-accuracy face detection to work

With a press of the Face Zoom In button on the rear panel, this function instantly and simultaneously detects up to 10 faces in an image and zooms in for an enlarged and sequential display of each for easy checking of facial details and focus on the LCD monitor.* This smart function fills a vital gap in the portrait photography workflow.



Complete Image

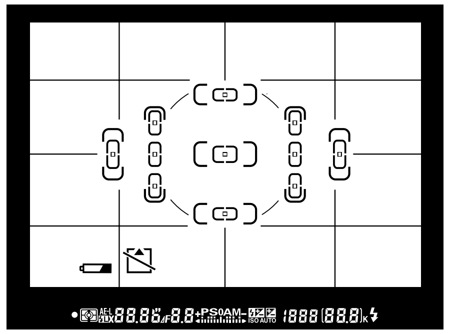
◎Sample photo is a simulated image

*Depending on the scene conditions, face detection performance may vary.

Other Functions

High-performance Viewfinder boasts magnification of 0.94× and approximately 95% coverage

The high-magnification viewfinder supports comfortable viewing and composition. Photographic data and setting status are clearly displayed in digital readout of the viewfinder. The Vari-Brite Focus Area display aids smooth confirmation of the selected focus area, while a Multi-Display Screen provides a convenient grid display.



Spacious 2.5-inch LCD with 100% coverage

With approx. 230,000 pixels of resolution, the 2.5-inch low-temperature polysilicon TFT LCD provides comfortable viewing of not only image data but also the large characters and optimized color scheme of the menu screens. Multi-image playback of 9 thumbnails is just one example of its functional versatility.

“Live View” Function for more precise focusing and view angle setting

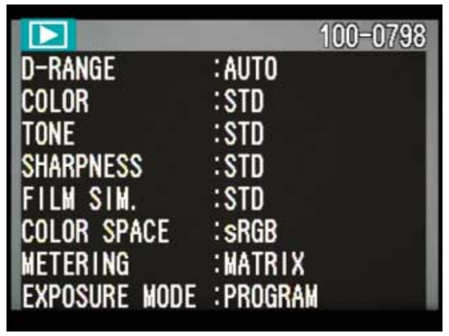
With the mirror in the up position, the image captured through the lens can be directly confirmed on the LCD monitor. According to the scene and the subject, you can select color or B/W display.

◎ Image display time is restricted to a maximum of 30 seconds.

Multi-Data Display Function for a precise grasp of captured image data

In addition to a standard histogram display, you can check color and brightness for each RGB channel with the RGB histogram or receive “washout” warnings. You can also confirm the “active” AF focus area and other shooting details for each captured image.

Histogram display



Data display

AF display

Nikon F mount compatibility including D/G types and AF Nikkor lenses

FinePix S5 Pro is compatible with all D/G-type AF Nikkor lenses with built-in CPU including the AF-S series, and is also ready for manual focus Ai Nikkor lenses and the AF-VR lenses with camera shake correction.

*Certain lens models may not be compatible or may have restrictions on their functionality.

Built-in Pop-up Flash with i-TTL flash control

The built-in pop-up flash features high-precision flash output using i-TTL flash control. Ready for advanced wireless lighting, the built-in Commander function serves as the master for remote wireless control of up to 2 “slaved” groups. With a guide number of approximately 12 (ISO100 •m, 20°C), it provides view angle coverage for an 18mm lens. Convenient functions such as repeating flash for multiple-exposure photography and modeling flash for assessing overall lighting prior to shooting are also available.

i-TTL Flash with monitor pre-flash for precision control of flash output

When working with i-TTL-compatible outboard flash equipment, the i-TTL flash system with monitor pre-flash metering technology can determine the appropriate flash output by emitting a flash immediately prior to the shot and metering both ambient light and the reflected light from the primary subject with the 1,005-pixel RGB sensor. Compared with conventional D-TTL, i-TTL enhances the frequency and output of monitor flash for more precise lighting. Moreover with the attachment of a G- or D-type AF Nikkor lens and the acquisition of subject ranging data from the lens, it can determine the ideal flash volume.

RAW+JPEG Mode

Simultaneously record both RAW and JPEG files of the same image for immediate viewing and distribution. JPEG data can be saved in either L (4256×2848 pixels), M (3024×2016 pixels) and S (2304×1536 pixels) sizes.

DPI Setting for print-ready resolution setting

Select from 36 to 3,000 DPI, and effectively apply the selected resolution data with compatible application software.

“Function Lock” with password protection prevents costly mishaps

Set password and lock everything except for playback and shutter release. No accidental operation of the command dial and function buttons. With a choice of Total Lock, Basic Function Lock and Lock by Function, it is easy to select or customize a security level to match your needs.

• Basic Function Lock: Lock the entire setup menu (except Function Lock and Format)

• Lock by Function: Select specific functions/settings to lock (Format, Erase, Aperture, Shutter Speed, Exposure Correction, White Balance, ISO Sensitivity, Exposure Mode, Flash Correction and other image quality settings)

Bar-code Management Function for easy management and “commenting” of image files

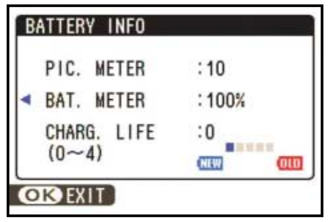
Connect an RS-232C compatible bar-code reader* and append various photographic remarks to image files for more efficient image file management and workflow.

*Special required cable sold separately.

High-capacity Lithium-Ion Battery tells you the remaining capacity and battery health

Fully charged, the newly developed large-capacity Lithium-Ion battery has sufficient power to capture approximately 400 images*. Various status data stored in the battery’s built-in IC chip such as remaining capacity (%), number of shots since the last charge and even performance degradation can be displayed on the LCD monitor.

*Tested in compliance with CIPA standard



CCD-RAW, 1/60 sec., f/10, ISO100

New Hyper-Utility Software "HS-V3"

Easily replicate even the high color saturation of reversal film

HS-V3 Hyper-Utility Software uses 3D-LUT (Look Up Table) image processing technology to convert CCD-RAW 14bit data into image data files with high precision. FUJIFILM technology lets you replicate color quality that approaches that of film. Use "Velvia" Mode to reproduce blue skies with amazing clarity and enhance photos with luxuriously saturated color. Choose the "Studio Portrait EX" Mode for tonal touch and broad color reproduction rivaling professional negative film.

RAW FILE CONVERTER

Hyper-Utility 3
2-Screen Comparison

Masking function

Display the image with the masking size selected on the camera. Confirm cropping to precisely meet the various print sizes.

PC "Live View" function for accurate confirmation of focus and view angle on the computer display

With the mirror in the up position, PC "Live View" lets you use the HS-V3 window to directly view the image seen through the lens of the camera via USB cable. It is ideal for focus and view angle settings for high-angle shots that are difficult to check in the viewfinder.

PC Control mode for remote shutter release from the computer

With FinePix S5 Pro connected to your computer by USB cable, you can release the shutter with a mouse click. Right after the shot, the image can be displayed and checked for focus, color quality and other details.

Face Zoom In function

In the PC control mode immediately after shooting or when reviewing the image data stored in the personal computer, Face Zoom In detects the faces and zooms in for smooth and detailed assessment of facial detail and focus.

■ System Requirements

	Windows®		Macintosh	
CPU	PC/AT compatible model equipped with an Intel Pentium 4-class processor or higher.		Macintosh models equipped with a PowerPC G4 (excluding PCI Graphic models), PowerPC G5 or an Intel processor.	
Connection Terminal (Only in the case of using the "shooting" control application)	FinePix S5 Pro	Built-in USB Port (USB 2.0 is recommended)		
	FinePix S3 Pro/ S2 Pro	IEEE1394 (OHCI standard) PCI Board-equipped model or IEEE1394 (OHCI standard) CardBus Card equipped model	FinePix S3 Pro/ S2 Pro	FireWire 400 port is standard.
OS	Windows® 2000 Professional SP4 Windows® XP Professional SP2 Windows® XP Home SP2		MacOS X (10.3.9~10.4.8)	
Memory	Minimum of 512MB (1GB or higher is recommended.)			
Hard Disk Free Space for Installation	Minimum of 1GB of free space on the OS system hard disk drive is required for installation.			
Monitor	1024×768~3840×2400 dot, High color (16bit or higher), (1600×1200 dot / 32bit or higher is recommended)		1024×768~3840×400 dot, approx. 32,000 colors or higher (1600×1200dot / Full Color or higher is recommended)	
Drive for Installation	Optical drive with CD-ROM reading capability.			

*Please note that this product is not currently compatible with the Windows Vista™ operating system. However, updater for Windows Vista™ will be available from March, 2007. Visit http://www.fujifilm.com/products/digital/download/ to update.

Hyper-Utility Software

■ Functions

1. AF-assist illuminator / Self-timer lamp / Red-eye reduction lamp
2. Sub-command dial
3. Depth-of-field preview button
4. FUNC. button
5. 10-pin remote terminal
6. Lens release button
7. Focus-mode selector
8. Viewfinder
9. BKT (bracketing) button
10. Erase button / Format button
11. Playback button
12. MENU / OK button
13. DISP (display) / BACK button
14. SET UP button
15. Face zoom in button / Help button
16. LCD monitor
17. Diopter adjustment control
18. Metering selector
19. AE-L / AF-L (AE / AF lock) button
20. AF-ON button
21. Main-command dial
22. Multi-selector
23. Focus selector lock
24. AF-area mode selector
25. Card slot cover latch
26. Flash pop-up button
27. Flash sync mode button / Flash compensation button
28. Built-in flash
29. Sync terminal
30. VIDEO OUT (Video output) socket
31. DC IN (power input) socket
32. USB socket
33. Release mode dial unlock button
34. QUAL (image quality / size) button / Reset button
35. WB (White Balance) button
36. ISO (ISO sensitivity) button
37. Release mode dial
38. Accessory shoe
39. MODE (exposure mode) button / Format button
40. Power switch / Illuminator switch
41. Shutter button
42. Exposure compensation button / Reset button
43. Control panel

■ Types of CPU lenses and other usable lenses / accessories

Lens / accessory (Camera setting)		Focus mode: AF	Focus mode: M (with electronic range finder)	Focus mode: M	Exposure mode: PS	Exposure mode: AM	Metering: Matrix 3D	Metering: Matrix Color	Metering: Center-weighted / Spot
CPU-lenses*1	Type G or D AF Nikkor*2, AF-S, AF-I Nikkor	○	○	○	○	○	○	—	○*3
	PC-Micro Nikkor 85mm f/2.8D*4	—	○*5	○	—	○*6	○	—	○*3
	AF-S / AF-I Teleconverter*7	○*8	○*8	○	○	○	○	—	○*3
	Other AF Nikkor (except lenses for F3AF)	○*9	○*9	○	○	○	—	○	○*3
	AI-P Nikkor	—	○*10	○	○	○	—	○	○*3
Non-CPU lenses*11	AI-modified, Ai, Ai-S, or Series E Nikkor*12	—	○*10	○	—	○*13	—	○*14	○*15
	Medical Nikkor 120mm f/4	—	○	○	—	○*16	—	—	—
	Reflex Nikkor	—	—	○	—	○*13	—	—	○*15
	PC-Nikkor	—	○*5	○	—	○*17	—	—	○
	AI-type Teleconverter*18	—	○*8	○	—	○*13	—	○*14	○*15
	TC-16AS AF Teleconverter	—	○*8	○	—	○*13	—	○*14	○*15
	PB-6 Bellows Focusing Attachment*19	—	○*8	○	—	○*20	—	—	○
	Auto extension rings (PK-series 11-A, 12, or 13;PN-11)	—	○*8	○	—	○*13	—	—	○

*1: IX Nikkor lenses cannot be used. *2: Vibration Reduction (VR) supported with VR lenses. *3: Spot metering meters selected focus area. *4: The camera's exposure metering and flash control systems do not work properly when shifting and/or tilting the lens, or when an aperture other than the maximum aperture is used. *5: Electronic range finder cannot be used with shifting or tilting. *6: Manual exposure mode only. *7: Compatible with AF-I Nikkor lenses and with all AF-S lens except AF-S DX VR ED 18-200mm f/3.5-5.6G; AF-S DX ED 12-24mm f/4G, 17-55mm f/2.8G, 18-55mm f/3.5-5.6G, 18-70mm f/3.5-4.5G, and 55-200mm f/4-5.6G; AF-S VR ED 24-120mm f/3.5-5.6G; and AF-S ED 17-35mm f/2.8D, 24-85mm f/3.5-4.5G, and 28-70mm f/2.8D. *8: With maximum effective aperture of f/5.6 or faster. *9: If AF 80-200mm f/2.8S, AF 35-70mm f/2.8S, new-model AF 28-85mm f/3.5-4.5S, or AF 28-85mm f/3.5-4.5S is zoomed in while focusing at minimum range, image on matte screen in viewfinder may not be in focus when in-focus indicator is displayed. Focus manually using image in viewfinder as guide. *10: With maximum aperture of f/5.6 or faster. *11: Some lenses cannot be used. *12: Range of rotation for Ai 80-200mm f/2.8S ED tripod mount limited by camera body. Filters cannot be exchanged while Ai 200-400mm f/4S ED is mounted on camera. *13: If maximum aperture is specified using [NON-CPU LENS DATA] under [MISC.] in the [SET UP] menu, aperture value will be displayed in viewfinder and control panel. *14: Can be used only if lens focal length and maximum aperture are specified using [NON-CPU LENS DATA] under [MISC.] in the [SET UP] menu. Use spot or center-weighted metering if desired results are not achieved. *15: For improved precision, specify lens focal length and maximum aperture using [NON-CPU LENS DATA] under [MISC.] in the [SET UP] menu. *16: Can be used in manual exposure modes at shutter speeds slower than 1/125 s. If maximum aperture is specified using [NON-CPU LENS DATA] under [MISC.] in the [SET UP] menu, aperture value will be displayed in the viewfinder and control panel. *17: Exposure determined by presetting lens aperture. In aperture-priority auto exposure mode, preset aperture using lens aperture ring before performing AE lock or shifting lens. In manual exposure mode, preset aperture using lens aperture ring and determine exposure before shifting lens. *18: Exposure compensation required when used with AI 28-85mm f/3.5-4.5S, AI 35-105mm f/3.5-4.5S, AI 35-135mm f/3.5-4.5S, or AF-S 80-200 mm f/2.8D. See teleconverter manual for details. *19: Requires PK-12 or PK-13 auto extension ring. *20: Use preset aperture. In exposure mode A, set aperture using focusing attachment before determining exposure and taking photograph. • PF-4 Reprocopy Outfit requires PA-4 Camera Holder.

■ Lenses that can be used with the built-in flash

The built-in flash can be used with any CPU lens with a focal length of 18-300mm. Note that the flash may be unable to light the entire subject if the following lenses are not used at or above the minimum ranges given below:

Lens	Zoom position	Minimum range
AF-S DX ED 12-24mm f/4G	18mm	1.5m / 4ft. 11in.
	20mm	1.0m / 3ft. 3in.
AF-S ED 17-35mm f/2.8D	24mm	1.0m / 3ft. 3in.
AF-S DX IF ED 17-55mm f/2.8G	24mm	1.0m / 3ft. 3in.
AF ED 18-35mm f/3.5-4.5D	18mm	1.5m / 4ft. 11in.
AF-S DX VR ED 18-200mm f/3.5-5.6G	18mm	1.0m / 3ft. 3in.
AF 20-35mm f/2.8D	20mm	1.0m / 3ft. 3in.
AF-S ED 28-70mm f/2.8D	28mm	1.5m / 4ft. 11in.
	35mm	1.0m / 3ft. 3in.
AF Zoom Micro Nikkor ED 70-180mm f/4.5-5.6D	70mm	1.0m / 3ft. 3in.

The built-in flash can also be used with Ai-S, Ai, and Ai-modified non-CPU lenses with a focal length of 18-200mm. Restrictions apply to the following lenses:
• Ai 50-300mm f/4.5, Ai-modified 50-300mm f/4.5, and Ai-S ED 50-300mm f/4.5: use at 135mm and above

■ Lenses with limitations when using the AF-assist illuminator

●Autofocus using the camera's AF-assist illuminator cannot be performed due to vignetting with the following lenses at shooting distance within 0.7m (2ft. 4in.):
• AF Micro ED 200mm f/4D • AF-S ED 28-70mm f/2.8D
• AF-S VR ED 24-120mm f/3.5-5.6G • AF Micro ED 70-180mm f/4.5-5.6D

●Autofocus using the camera's AF-assist illuminator cannot be performed due to vignetting with the following lens at shooting distance within 1m (3ft. 3in.):
• AF-S DX ED 55-200mm f/4-5.6G

●Autofocus using the camera's AF-assist illuminator cannot be performed due to vignetting with the following lenses at shooting distance within 1.5m (4ft. 11in.):
• AF-S VR ED 70-200mm f/2.8G • AF ED 80-200mm f/2.8D
• AF-S ED 80-200mm f/2.8D

●Autofocus using the camera's AF-assist illuminator cannot be performed due to vignetting with the following lens at shooting distance within 2.5m (8ft. 2in.):
• AF VR ED 80-400mm f/4.5-5.6D